

**PENDING CLAIMS**

1. (Previously Presented) A method for performing a measurement in a network comprising:
  - creating an Internet Protocol Measurement Protocol (IPMP) packet by a measurement host;
  - including in the IPMP packet instructions for a recipient of the IPMP packet, said instructions including instructions to a recipient to provide specified information and an instruction to a recipient to insert any additional data desired by the recipient in the IPMP packet when forwarding the IPMP packet.
2. (Original) The method according to claim 1, further comprising:
  - encapsulating the IPMP packet in an Internet Protocol (IP) datagram and a predetermined link layer protocol.
3. (Original) The method according to claim 2, further comprising sending the IPMP packet into the network from the measurement host.
4. (Original) The method according to claim 1, wherein the additional data includes traffic levels.
5. (Original) The method according to claim 1, wherein the additional data includes environmental data, weather data or other information that may impact communications link performance.
6. (Previously Presented) An apparatus for performing a measurement in a network comprising:
  - a processor disposed in a measurement host;
  - a memory coupled to the processor to store computer readable instructions causing the processor to:
    - create an Internet Protocol Measurement Protocol (IPMP) packet;
    - include in the IPMP packet instructions for a recipient of the IPMP packet,
    - said instructions including instructions to a recipient to provide specified information and an instruction to a recipient to insert any additional data desired by the recipient in the IPMP packet when forwarding the IPMP packet.
7. (Original) The apparatus according to claim 6, wherein said computer readable instructions further cause said processor to:
  - encapsulate the IPMP packet in an Internet Protocol (IP) datagram and a predetermined link layer protocol.

8. (Original) The apparatus according to claim 7, wherein said computer readable instructions further cause said processor to send the IPMP packet into the network from the measurement host.

9. (Original) The apparatus according to claim 6, wherein the additional data includes traffic levels.

10. (Original) The apparatus according to claim 6, wherein the additional data includes environmental data, weather data or other information that may impact communications link performance.

11. (Previously Presented) A computer readable media having encoded thereon computer readable instructions causing a processor to:

create an Internet Protocol Measurement Protocol (IPMP) packet;

include in the IPMP packet instructions for a recipient of the IPMP packet, said instructions including instructions to a recipient to provide specified information and an instruction to a recipient to insert any additional data desired by the recipient in the IPMP packet when forwarding the IPMP packet.

12. (Original) The computer readable media according to claim 11, wherein said computer readable instructions further cause said processor to:

encapsulate the IPMP packet in an Internet Protocol (IP) datagram and a predetermined link layer protocol.

13. (Original) The computer readable media according to claim 12, wherein

said computer readable instructions further cause said processor to send the IPMP packet into the network from the measurement host.

14. (Original) The computer readable media according to claim 11, wherein the additional data includes traffic levels.

15. (Original) The computer readable media according to claim 11, wherein the additional data includes environmental data, weather data or other information that may impact communications link performance.